

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

\*Location change 12-18-80

LOCATION ABANDONED, this well was never drilled as per 3-16-82

DATE FILED 1-9-81

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

UT-14663

INDIAN

DRILLING APPROVED: 1-9-81

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: L.A. 3-16-82, this well was never drilled

FIELD: Wildcat 3/86

UNIT:

COUNTY: DUCHESNE

WELL NO. W. N. #2

API NO. 43-013-30556

LOCATION ~~W. N. #2~~ FT. FROM (N) (S) LINE.

FT. FROM (E) (W) LINE.

NE NE

1/4 - 1/4 SEC. 33

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				2N	3W	33	DIV. OF ATLANTIC RICHFIELD ARCO OIL & GAS COMPANY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

ARCO Oil and Gas Company,  
Division of Atlantic Richfield Company

## 3. ADDRESS OF OPERATOR

ATTENTION: W. A. Walther, Jr.  
P. O. Box 5540, Denver, Colorado 80217

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface 657' FEL &amp; 659' FNL Sec. 33 (NE NE)

At proposed prod. zone Approx. the same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

20 miles NW of Neola, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST 657' - lease  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 657 Unit

## 16. NO. OF ACRES IN LEASE

2550.08

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL  
Not Spaced

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. None

## 19. PROPOSED DEPTH

5500' Nugget

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 7765'

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	Conductor	50'	75 sx to surface
14-3/4"	10-3/4"	40.5#	500'	550 sx to surface
7-7/8"	5-1/2"	15.5#	5500'	250 sx to 500' above productive zones

This well will be drilled to test the Nugget Formation expected between 5000' and 5500'.

Attachments: Certified Location Plat.  
10 point drilling plan.  
13 point surface use plan.APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 1/9/81

BY: W. A. Walther, Jr.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

W. A. Walther, Jr.

TITLE Operations Manager

DATE December 18, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DUCH  
FATH

ARCO OIL & GAS CO.  
A DIVISION OF  
ATLANTIC RICHFIELD CO.  
WASHS NIPPLE #2  
PROPOSED LOCATION



SCALE: 1" = 4 MILES

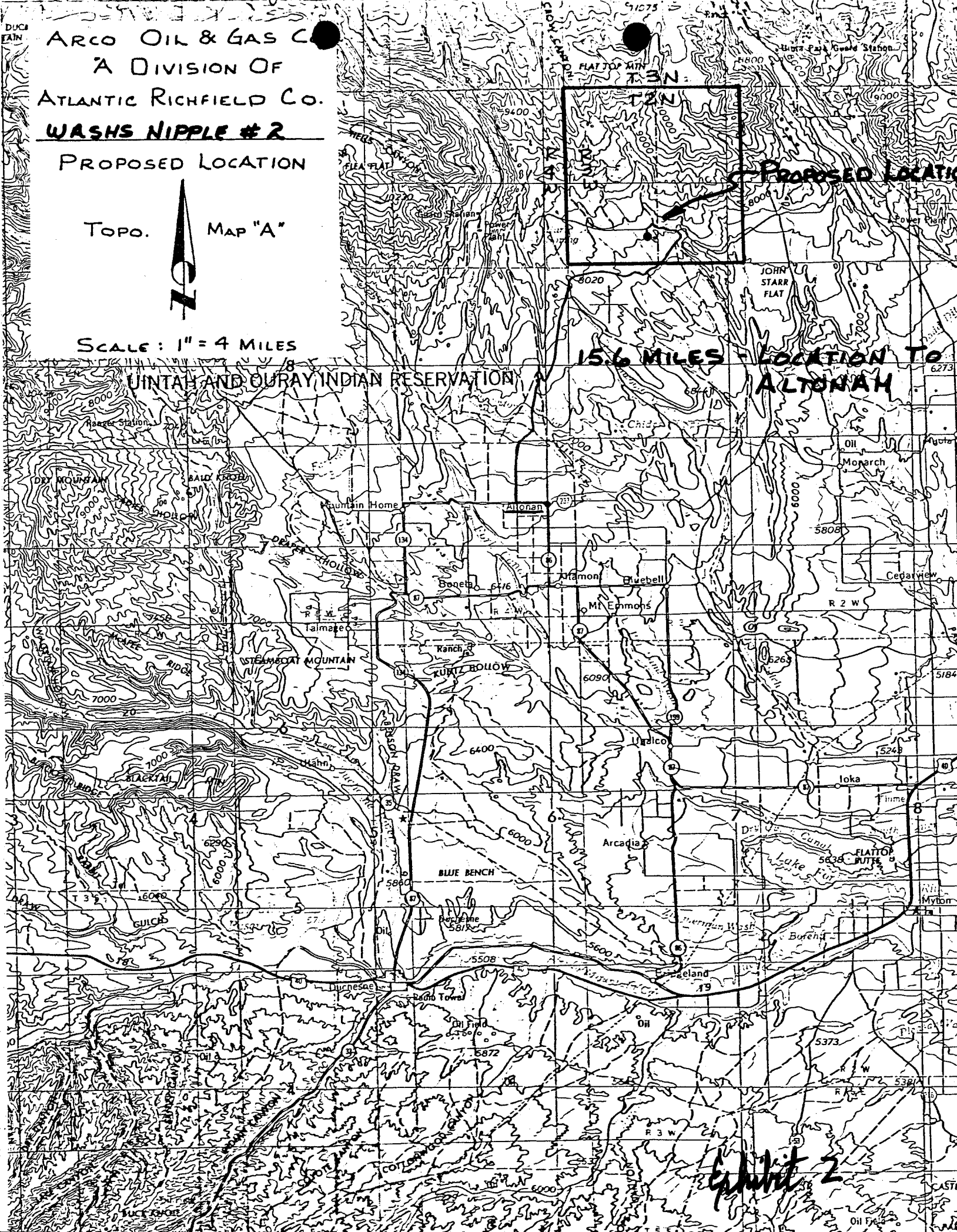


Exhibit 2

ATLANTIC RICHFIELD CO.

ARCO

PROPOSED LOCATION

WASH NIPPLE #2

ALTERNATE ACCESS ROADS

TOPO. MAP 'A'



SCALE - 1" = 4 MI.

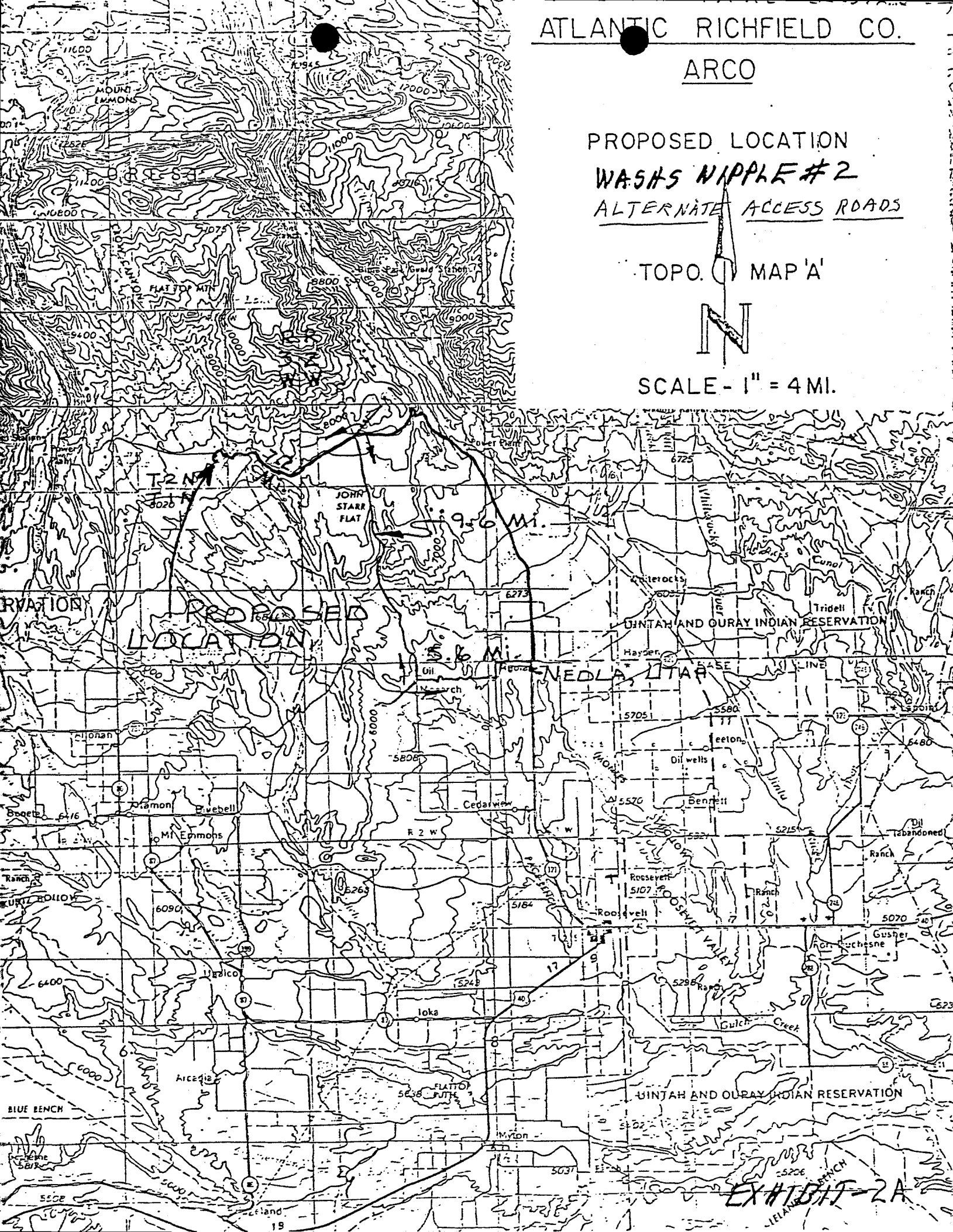


EXHIBIT-2A



SHELL OIL COMPANY  
UTE #1-27 A 6

TOPO.

MAP "B"



SCALE 1" = 2000'

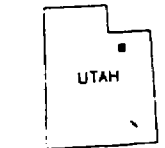
ROAD CLASSIFICATION

Medium duty

Light duty

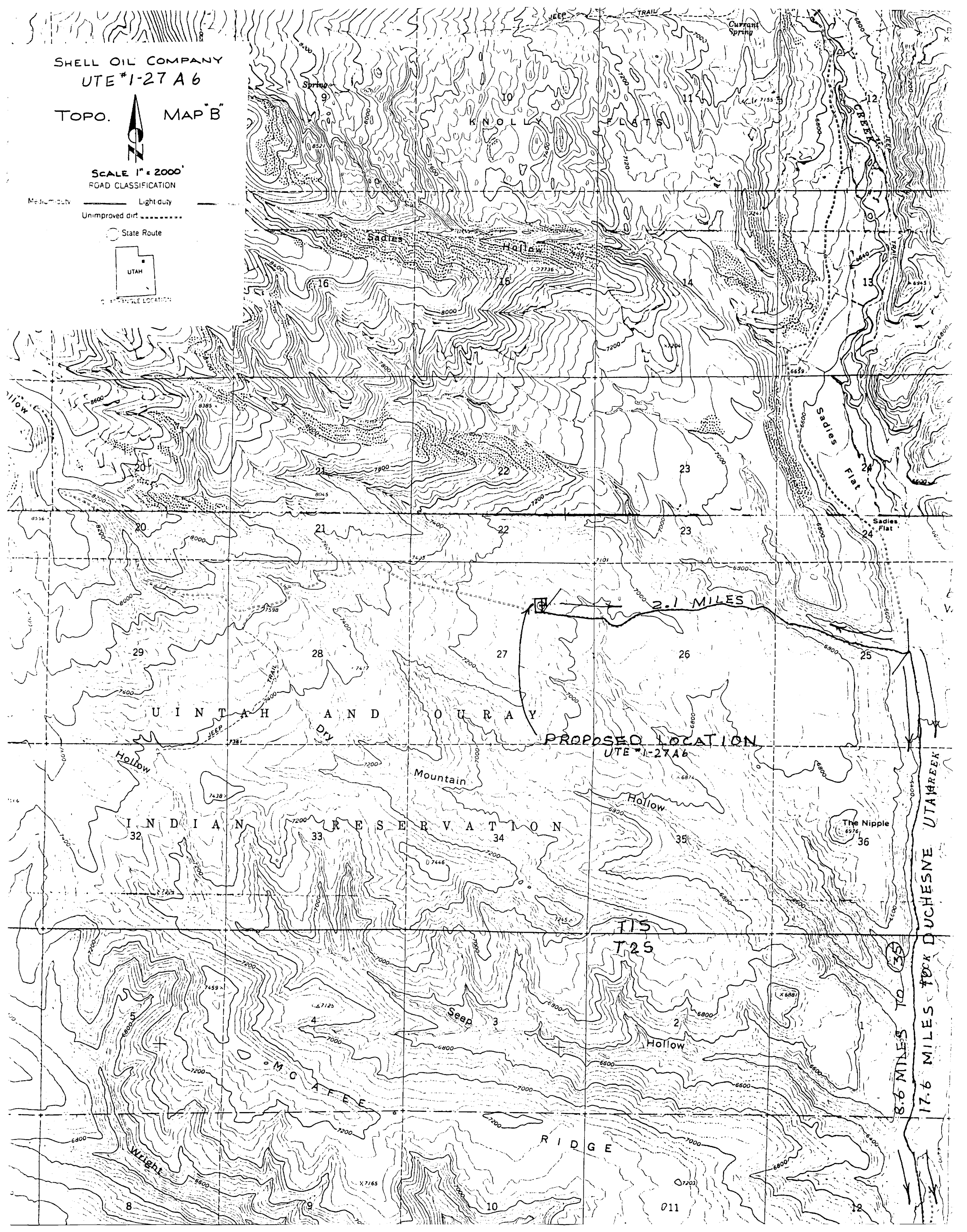
Unimproved dirt

State Route

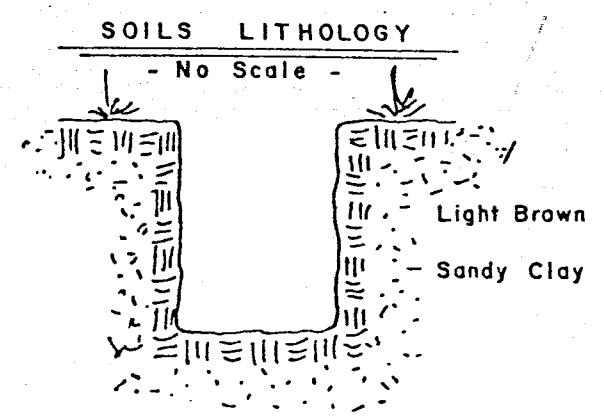
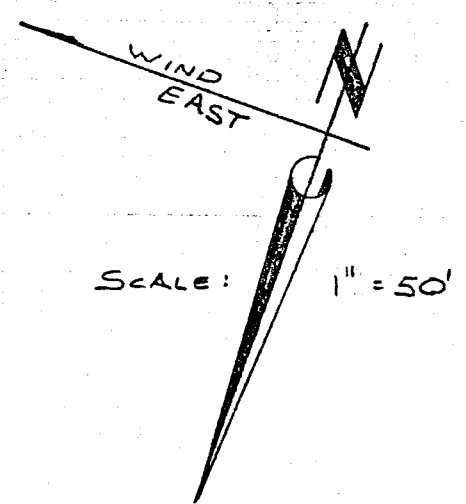
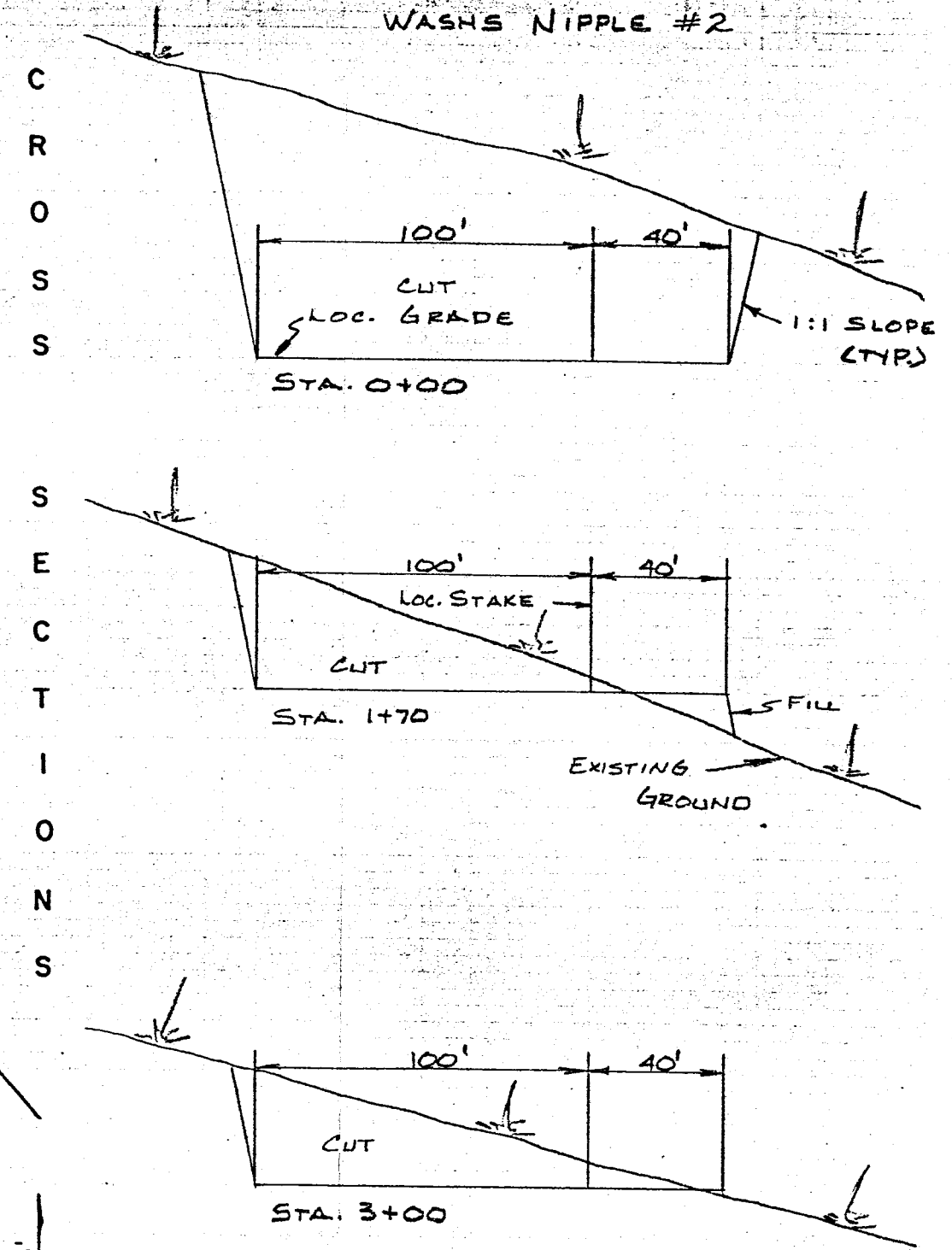
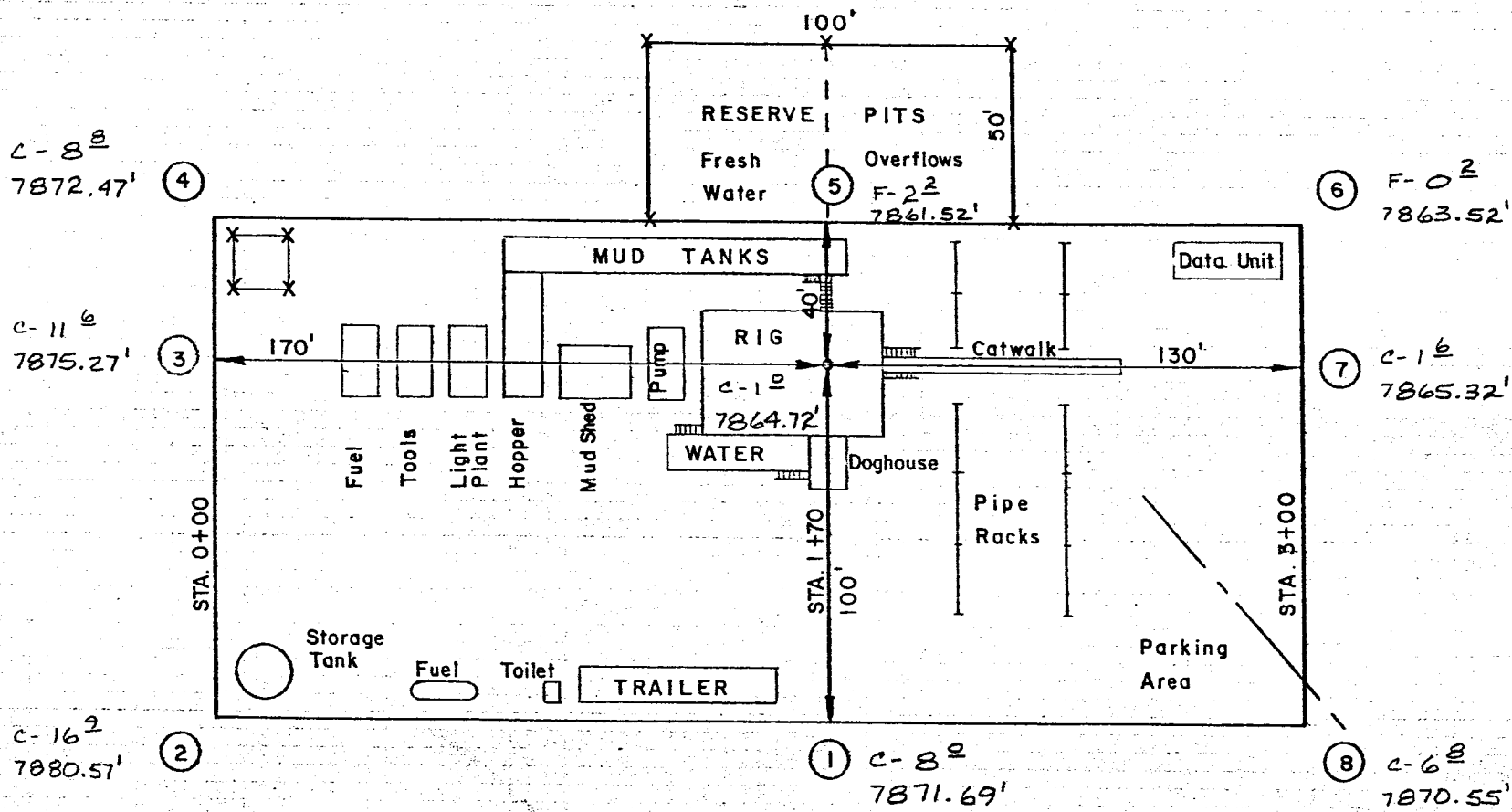


UTAH

ANGLE LOCATION



# ARCO OIL & GAS CO. -A DIVISION OF- ATLANTIC RICHFIELD



EXISTING JEEP TRAIL (TO BE UP-GRADED.)

Scales  
1" = 50'  
APPROXIMATE YARDAGES

Cubic Yards Cut = 10,188  
Cubic Yards Fill = 183

*Exhibit 4*

**DUPLICATE**SUBMIT IN ORIGINAL  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

ARCO Oil and Gas Company,  
Division of Atlantic Richfield Company

## 3. ADDRESS OF OPERATOR

ATTENTION: W. A. Walther, Jr.  
P. O. Box 5540, Denver, Colorado 80217

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

657' FEL &amp; 659' FNL Sec. 33 (NE NE)

At proposed prod. zone

Approx. the same

✓ Location change

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

20 miles NW of Neola, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

657 - lease

657 Unit

## 16. NO. OF ACRES IN LEASE

2550.08

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

Not Spaced

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

## 19. PROPOSED DEPTH

5500'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 7765'

## 22. APPROX. DATE WORK WILL START\*

February 1, 1981

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	Conductor	50'	75 sx to surface
14-3/4"	10-3/4"	40.5#	500'	550 sx to surface
7-7/8"	5-1/2"	15.5#	5500'	250 sx to 500' above productive zones

This well will be drilled to test the Nugget Formation expected between 5000' and 5500'.

Attachments: Certified Location Plat.  
10 point drilling plan.  
13 point surface use plan.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

W. A. Walther, Jr.

TITLE Operations Manager

DATE December 18, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY (Orig. Sgd.) R. A. Henricks

FOR E. W. GUYNN  
DISTRICT ENGINEER

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

NOTICE OF APPROVAL

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

Utah Oil and Gas Commission

United States Department of the Interior  
 Geological Survey  
 2000 Administration Bldg.  
 1745 West 1700 South  
 Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Arco Oil and Gas Company  
 Project Type Oil and Gas Drilling  
 Project Location 696' FEL 669' FNL Section 33, T. 2N, R. 3W  
 Well No. Washes Nipple #2 Lease No. U-14663  
 Date Project Submitted December 22, 1980

FIELD INSPECTION Date January 28, 1981

Field Inspection  
 Participants

<u>Greg Darlington</u>	<u>USGS, Vernal</u>
<u>Dave Black</u>	<u>F.S., Vernal</u>
<u>Bill Sims</u>	<u>F.S., Vernal</u>
<u>Mark Smith</u>	<u>Arco Oil and Gas</u>
<u>Earl Cady</u>	<u>Ross Construction</u>

Related Environmental Documents: Files of the U.S. Forest Service, Roosevelt  
Office, Ashley National Forest

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

February 9, 1981  
 Date Prepared

Greg Darlington  
 Environmental Scientist

I concur

2/13/81  
 Date

EWL  
 District Supervisor

Typing In 2/9/81 Typing Out 2/10/81



PROPOSED ACTION:

Arco Oil and Gas Company proposes to drill the Washes Nipple #2 well, a 5500 foot gas and oil test of the Nugget formation. A new access road of about .4 miles length would be built according to Forest Service specifications, with about 18 feet width of driving surface. The location was moved 40 feet toward stake 7 at the onsite to minimize cut and backsloping on the northeast side and footages have been adjusted to indicate the move of 10 feet south and 39 feet west. A pad 140 feet by 340 feet and a pit 50 feet by 100 feet were requested to accommodate the rig expected for this location. New surface disturbance to be associated with this project is estimated at 2.1 acres.

RECOMMENDED APPROVAL CONDITIONS:

Drilling should be approved provided the operator agrees to incorporate the following additional measures into the drilling plans and APD and adhere to them:

1. Forest Service Stipulations
2. Lease Stipulations
3. Adequate logs are to be furnished as requested by the Mineral Evaluation Report and Mining Report to identify other possibly valuable minerals.
4. U.S.G.S. recommends that firearms be restricted at the location similarly as required for drilling on Ute Tribal Land. The location is very close to Indian lands and such restriction would allow better public relations between the operator and the Ute Tribe.

FIELD NOTES SHEET

Date of Field Inspection: January 28

Well No.: Washa Nipple #2

Lease No.: U-14663

Approve Location: Moved to reduce backslipping at edge of steep hill,

Approve Access Road: ✓ with required road use permits as indicated by FS

Modify Location or Access Road: Moved entire location 40 feet toward  
State 7 to 696' FEL 669' FNL from 657 and 659 respectively  
39 ft W 10 ft S.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Moved to reduce cut and backslipping of a massive hill  
lost circulation has been a problem with other nearby  
Washa Nipple #1 well. FS recommends lining pit if  
unstable soils, sand and cobble rock are encountered.  
(Dave Black) + GS concurs. The surface soils appeared to be quite stable  
FS requires no burying of sewage or trash.

GS recommends firearms be restricted voluntarily as required by the  
Ute Tribe because of proximity to Indian land. This was a stipulation  
on nearby Washa Nipple #1 for presently being drilled at the time of the onsite

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corres- pondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety							1,2,5,6	1-28-81	
2. Unique charac- teristics							1,2,5,6	1-28	
3. Environmentally controversial							1,2,5,6	1-28	
4. Uncertain and unknown risks							1,2,5,6	1-28	
5. Establishes precedents							1,2,5,6	1-28	
6. Cumulatively significant							1,2,5,6	1-28	
7. National Register historic places							1,6	1-28	
8. Endangered/ threatened species							1,6	1-28	
9. Violate Federal, State, local, tribal law							1,2,5,6	1-28	

# CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *USGS conditions of approval.*



*East View Arco  
Washes Nipple # 2*



*West View Arco  
Washes Nipple # 2*

UNITED STATES DEPARTMENT OF AGRICULTURE

FOREST SERVICE

ASHLEY NATIONAL FOREST  
ROOSEVELT RANGER DISTRICT  
P. O. Box 338  
Roosevelt, Utah 84066

February 6, 1981

IN REPLY REFER TO:

USGS  
Box 1037  
Vernal, Utah 84078



Dear Greg Darlington:

These are the comments and supplemental stipulations resulting from our joint on-site inspection of Washs Nipple #2.

All supplemental stipulations and the attached surface management plans are adequate to meet surface management policies.

I have included a copy of Forest Service road specifications for temporary roads as was discussed during the on site meeting.

Of exhibit A specifications for temporary roads.

Specification 36, 1 & 2 reshape & finish existing roadway  
specification 10, road.

Maintenance 10-1, & 2. These should be attached to form 9-331C as stipulations.

The road use permit: Forest Service form 7700-41 involving cooperative maintenance on .3 miles of forest road 119 will be part of this application also.

We discussed and agreed on site on the latest center stake and location stakes for well #2 everything else appears to be ok unless a pit liner is needed a pit material is too coarse.

The other item was to require fiberglass vaults for the waste from the on site trailers.

*William G. Sims*  
WILLIAM G. SIMS  
Ranger Conservationist





ARCO Oil and Gas Company  
Western District  
717-17th Street  
Mailing address: P.O. Box 5540  
Denver, Colorado 80217  
Telephone 303 575 7000



RECEIVED

DEC 22 1980

DIVISION OF  
OIL, GAS & MINING

December 18, 1980

U. S. Geological Survey  
Mr. E. W. Guynn, District Engineer  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84138

Re: Filing NTL-6 and A.P.D. Form 9-331C  
ARCO Oil and Gas Company  
Washes Nipple #2  
NE NE Sec. 33-T2N-R3W, U.S.B. & M.  
657' FEL & 659' FNL  
Duchesne County, Utah

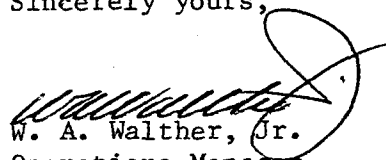
Dear Mr. Guynn:

Enclosed are three copies of the NTL-6 program and A.P.D. Form 9-331C for the above referenced well location.

Please notify us when you have arranged a time with the Forest Service to inspect the site.

The archaeological report is not included with the NTL-6, but will be forwarded to your office, and to the Forest Service office, under separate cover.

Sincerely yours,

  
W. A. Walther, Jr.  
Operations Manager

MWS/WAW/ps

Enclosures

cc: Utah Division of Oil, Gas & Mining ✓  
1588 West, North Temple  
Salt Lake City, Utah 84116

NE Cor. Sec. 28, T2N, R3W, U.S.B. & M. X

T 2 N , R 3 W , U.S.B. & M.

N 0°02' W

S 89°56' W

79.90

659'

657'

WASHS NIPPLE # 2

Elev. Ungraded Ground - 7765'

33

N 0°02' W

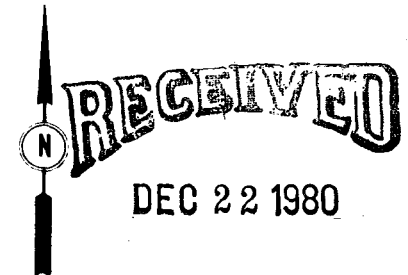
EAST

X = Section Corners Located

PROJECT

ARCO OIL & GAS CO. A DIVISION OF  
ATLANTIC RICHFIELD CO.

Well location, WASHS NIPPLE # 2,  
located as shown in the NE 1/4 NE 1/4 Section 33,  
T2N, R3W, U.S.B. & M. Duchesne County, Utah.



DIVISION OF  
OIL, GAS & MINING

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	12/11/80
PARTY	RK BK	RP	REFERENCES GLO Plat
WEATHER	Fair	FILE	ATLANTIC RICHFIELD CO.

Sheet 1

TEN POINT DRILLING PLAN

Attach to APD Form 9-331-C  
ARCO Oil and Gas Company  
Well: Washs Nipple #2  
657' FEL & 659' FNL  
Section 33-T2N-R3W, U.S.B. & M.  
Duchesne County, Utah

RECEIVED

DEC 22 1980

DIVISION OF  
OIL, GAS & MINING

1. Surface Geological Formation: Starr Flat
2. Estimated Tops of Geological Markers:  
Nugget - 5000'
3. Estimated Tops of Possible Water, Oil, Gas or Minerals:  
Nugget - 5000' (oil or gas)
4. Proposed Casing Program:

<u>Casing</u>	<u>Hole Size</u>	<u>Interval</u>	<u>Section Length</u>	<u>Size OD</u>	<u>Weight Grade and Joint</u>	<u>New Used</u>
Conductor	24"	0 - 50'	50	16"	Conductor	New
Surface	14-3/4"	0 - 500'	500	10-3/4"	40.5# K-55 ST&C	New
Production	8-3/4"	0 - 5500'	5500	5-1/2"	15.5# K-55 ST&C	New

4. Proposed Casing Program Cont'd:

Cement Program

Conductor To surface with 75 sx neat cement.

Surface To surface with 500 sx neat cement.

Production 500' above productive zones with estimated 500 sx cement with additives if required for well conditions.

5. Minimum Specifications for Pressure Control:

Exhibit A is a schematic diagram of the blowout preventer equipment. The BOPs will be hydraulically tested to half of working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include a kelly cock, floor safety valve, and choke manifold with pressure rating equivalent to the BOP stack. All equipment will be 3000 psi W.P.

6. Type and Characteristic of Proposed Drilling Fluids:

<u>Depth</u>	<u>Type</u>	<u>Weight #/gal.</u>	<u>Visc. sec/qt.</u>	<u>Fluid Loss cc</u>
0 - 500'	Wtr & Gel	8.3 - 9.0	40 - 60	20+ cc
500 - 5500'	Low Solids	8.7 - 9.0	35 - 45	10-15 cc

Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires. Treat with chemicals as required to maintain hole.

7. Auxiliary Equipment:

- (a) A kelly cock will be kept in the string.
- (b) A float will not be used at the bit.
- (c) A mud logging unit and gas detecting device will be monitoring the system.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.
- (e) A pit level will be used to monitor the mud.

8. Testing, Logging and Coring Programs:

- (a) A minimum of one 30' core will be taken in the Nugget formation.
- (b) One or two drill stem tests will be taken in the Nugget formation.
- (c) Logs will be run from TD to 50' as follows: Dual Induction Laterolog, Compensated Neutron Log, Formation Density Log, Gamma Ray Log and Dipmeter.
- (d) If a productive well is indicated, production casing will be run and gun perforated, production will be through tubing. No stimulation treatments involving flammable fluids are anticipated.

9. Anticipated Abnormal Temperatures, Pressures or Hazards:

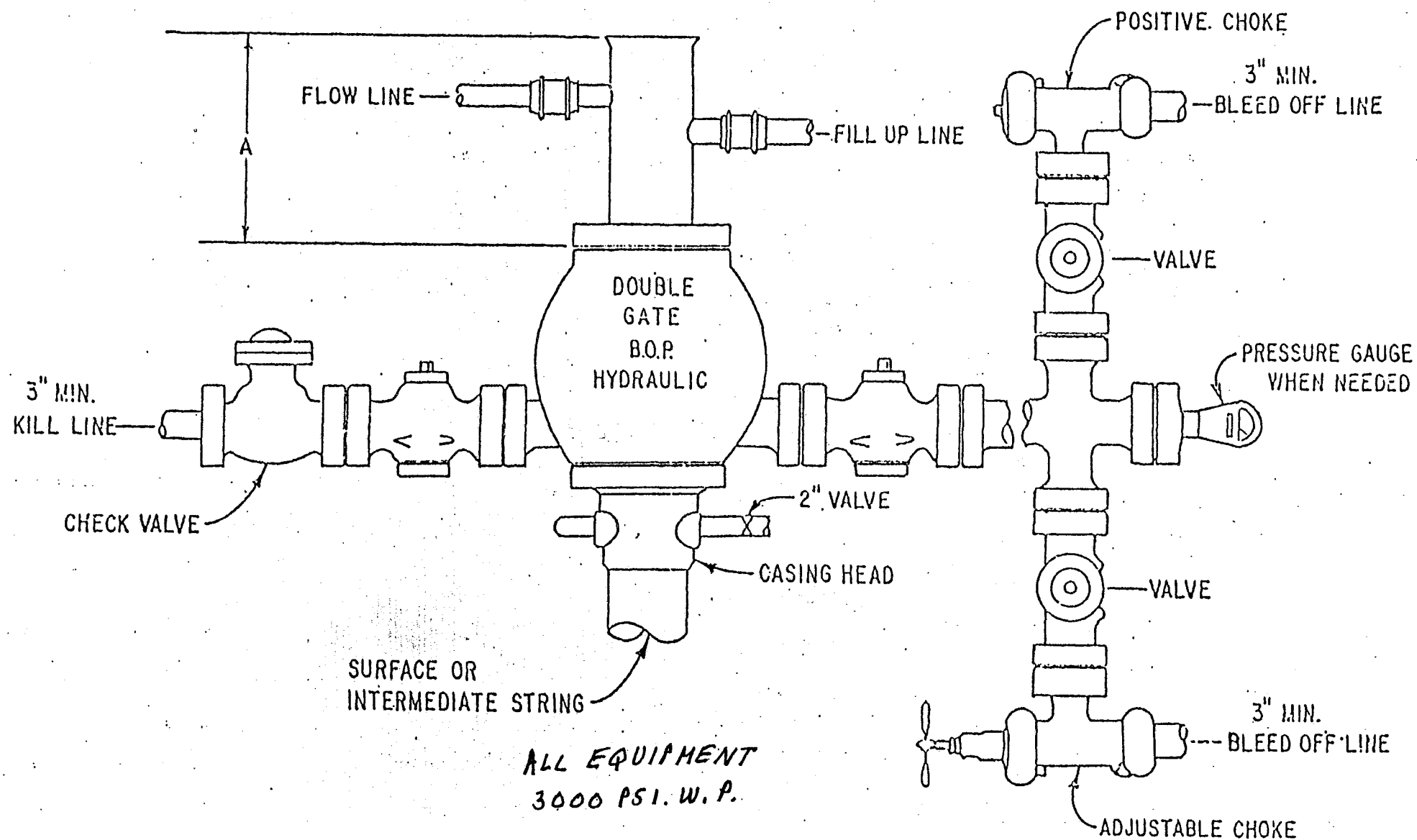
No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 2400 psi.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of Operations:

Our anticipated starting date for drilling is February 1, 1981, or as soon as a rig is available after approval. Drilling time is estimated to be 44 days with an additional 15 days required for completion if well is successful.

EXHIBIT "A"



ALL EQUIPMENT  
3000 PSI. W. P.

WELL CONTROL EQUIPMENT

ARCO OIL & GAS CO  
WASHS NIPPLE #2  
SEC 33, T2N, R3W  
DUCHESTER CTY, UTAH



Attached to Form 9-331C

ARCO Oil and Gas Company

Well: Washs Nipple #2

Section 33-T2N-R3W, U.S.B. & M.

Duchesne County, Utah

1. Existing Roads:

- A. The certified well location plat is Exhibit 1. Well and location are staked.
- B. The location is reached as shown in Exhibits 2, 2A, and 3. Go west from Altonah, Utah 1 mile, then north 12.9 miles past Dry Gulch ranger station to cross road. Turn left 1.3 miles to location access road to left. Alternate routes from Neola, Utah are shown on Exhibit 2A.
- C. Roads to and near the location are shown in Exhibits 2 and 3.
- D. This is an exploratory well. All roads are shown in Exhibits 2 and 3. All roads are gravel surface suitable for access without further work.
- E. No improvement of existing roads is required; however, any maintenance needed to keep roads in current good condition will be done.

2. Planned Access Roads:

A trail now exists from the main access road to the location (see Exhibit 3). During the preliminary environmental review inspection during staking, it was agreed to modify the location of this trail to keep it up out of a grassy low area for part of the way to the location. The center line of this new access road with a total length of about 0.4 miles was staked as agreed with Bill Sims of the Forest Service. The road will be constructed to Forest Service standards as an 18' wide minimum standard temporary road to be completely rehabilitated and revegetated upon completion of the well.

3. Location of Existing Wells:

The only existing well within 2 miles of the proposed location is abandoned dry hole Nu Pahnakaw #1, located 1 mile northeast as shown in Exhibit 3. Planned wells Washs Nipple #1 and #2 are also shown.

4. Location of Existing and/or Proposed Facilities:

- A. Within a one-mile radius of location there are no facilities owned or controlled by ARCO Oil and Gas Company.
- B. If the well is productive, a Sundry Notice will be submitted for the facilities required for production.
- C. Rehabilitation, whether well is productive or dry, will be made on all unused areas in accordance with Forest Service stipulations.

5. Location and Type of Water Supply:

- A. The exact water source for this well has not been determined. We intend to acquire water from a local owner of water rights. Any State of Utah permits required to use this water will be obtained.
- B. Water will be trucked to the location.
- C. No water well will be drilled.

6. Construction Materials:

No construction materials other than cut on the site will be required.

7. Handling of Waste Materials and Disposal:

- (1) Drill cuttings will be buried in the reserve pit.
- (2) Drilling fluids will be handled in the reserve pit.
- (3) Any fluids produced during drilling test or while making production test will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and removed. If well is productive, produced water will be disposed of on-site for 30 days only, or 90 days with permission of District Engineer. After that time application will be made for approval of permanent disposal methods in compliance with NTL-2b.
- (4) Chemical toilet facilities will be provided for human waste.
- (5) Garbage and waste will be handled in a trash cage. The drill fluids, water, drilling mud and tailings will be kept in reserve pit. The trash cage will be totally enclosed with small mesh wire to prevent wind scattering trash before being removed. Trash will be hauled to an approved disposal dump. Reserve pit will be fenced on three sides during drilling and the fourth side fenced upon removal of the rig.
- (6) After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. All dangerous open pits will be fenced during drilling and kept closed until such time as the pit is leveled.

8. Ancillary Facilities:

No air strip, camp or other facilities will be built during drilling of this well.

9. Well Site Layout:

- (1) EXHIBIT "4" is the Drill Pad Layout as staked, with elevations. Cuts and fill have been drafted to visualize the planned cut across the location spot and the deepest part of the pad. Topsoil will be stockpiled per Forest Service specifications determined at time of pre-drill inspection.
- (2) EXHIBIT "4" has a plan diagram of the proposed rig and equipment, reserve pit, trash cage, pipe racks and mud tanks. No permanent living facilities are planned. There will be 3 or 4 trailers on site.
- (3) EXHIBIT "4" shows rig orientation and access road.
- (4) The reserve pits will not be lined.

10. Plans for Restoration:

- (1) If well is abandoned, site will be restored to original condition as nearly as possible. Backfilling, leveling and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be buried or hauled away immediately to an approved sanitary land fill after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.
- (2) The soil banked material will be spread over the area. Revegetation will be accomplished by planting mixed grasses as per formula provided by the Forest Service. Revegetation is recommended for road area, as well as around drill pad.

- (3) Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock or wildlife from entering; and the fencing will be maintained until leveling and cleanup are accomplished.
- (4) If any oil is on the pits and is not immediately removed or burned after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) The rehabilitation operations will begin immediately after the well is completed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and revegetation will be done as recommended by surface management agency.

11. Other Information:

- (1) Exhibit 3 shows the topography of the area. The surface soil is a sandy clay. There are sage, cactus, oak brush and native grasses. It is probable that the general area is habitat for varied wildlife such as deer, elk and other animals. Every effort will be made to minimize impacts on wildlife as recommended by the Forest Service.
- (2) The primary surface use is for grazing and hunting and all lands are in the Ashley National Forest.
- (3) The closest live water is Dry Gulch 1/4 mile west of the location.

No occupied dwellings were noted within 1 mile of the location.

An archeologist was present during the staking of the roads and location. There were no archaeological, historical, or cultural artifacts observed during staking. A report will be submitted to the surface management agency prior to any surface disturbance.

- (4) The lease is subject to requirements and stipulations of the Forest Service. All of these items will be followed as required.
- (5) Drilling is planned to start February 1, 1981, requiring 44 days to drill and 15 days for completion if the well is successful.

12. Lessee's or Operator's Representative:

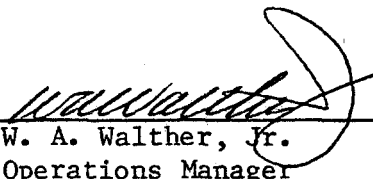
W. A. Walther, Jr.  
ARCO Oil and Gas Company  
P. O. Box 5540  
Denver, Colorado 80217  
Bus. Tele: (303) 575-7031  
Res. Tele: (303) 575-7153

C. E. Latchem  
ARCO Oil and Gas Company  
P. O. Box 5540  
Denver, Colorado 80217  
Bus. Tele: (303) 575-7127  
Res. Tele: (303) 575-7152

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by ARCO Oil and Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

12/18/80  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
W. A. Walther, Jr.  
Operations Manager  
ARCO Oil and Gas Company

**\*\* FILE NOTATIONS \*\***

DATE: January 2 1981

OPERATOR: Arco Oil & Gas Company

WELL NO: W.N. #2

Location: Sec. 33 T. 2N R. 3W County: Duchesne

File Prepared: ☐

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-013-30556

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Can not be approved (as gas well) until W.N. #3  
is established as oil well

Director: O.K. rule C-3

Administrative Aide: C-3 spacing to close for gas wells!

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☒

Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site ☐

Lease Designation Fed.

Plotted on Map ☒

Hot Line ☒

Approval Letter Written ☒

P.I. ☒



January 9, 1981

ARCO Oil & Gas Company  
Division of Atlantic Richfield Company  
P. O. Box 5540  
Attention: W. A. Walther, Jr.

Re: Well No. Washs Nipple #2  
Sec. 33, T. 2N, R. 3W  
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to o/g is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (Aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30556.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*C. B. Feight*  
Cleon B. Feight  
Director

/ko  
cc: USGS



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 16, 1981

Arco Oil and Gas Corp.  
Division of Atlantic Richfield Co.  
P. O. Box 5540  
Denver, Colorado 80217

Re: Well No. Washs Nipple #3  
Sec. 28, T. 2N, R. 3W  
Duchesne County, Utah

Well No. Washs Nipple #2  
Sec. 33, T. 2N, R. 3W  
Duchesne County, Utah

Gentlemen:

In reference to the above mentioned wells , considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this well location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

CARI FURSE  
CLERK TYPIST



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 2, 1982

Arco Oil & Gas Company  
Division of Atlantic Richfield Co.  
P. O. Box 5540  
Denver, Colorado 80217

Re: Well No. Washs Nipple #3  
Sec. 28, T. 2N, R. 3W.  
Duchesne County, Utah  
SECOND NOTICE

Well No. Washs Nipple #2  
Sec. 33, T. 2N, R. 3W.  
Duchesne County, Utah  
SECOND NOTICE

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the application. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck  
Robert R. Norman • Margaret R. Bird • Herm Olsen

an equal opportunity employer • please recycle paper

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☒ other ☐
2. NAME OF OPERATOR ARCO Oil and Gas Company  
Division of Atlantic Richfield Company
3. ADDRESS OF OPERATOR  
P. O. Box 5540, Denver, Colorado 80217
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 696' FEL & 669' FNL NE NE  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Approx the same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | REQUEST FOR APPROVAL TO:      |                          | SUBSEQUENT REPORT OF: |                          |
|-------------------------------|--------------------------|-----------------------|--------------------------|
| TEST WATER SHUT-OFF           | <input type="checkbox"/> |                       | <input type="checkbox"/> |
| FRACTURE TREAT                | <input type="checkbox"/> |                       | <input type="checkbox"/> |
| SHOOT OR ACIDIZE              | <input type="checkbox"/> |                       | <input type="checkbox"/> |
| REPAIR WELL                   | <input type="checkbox"/> |                       | <input type="checkbox"/> |
| PULL OR ALTER CASING          | <input type="checkbox"/> |                       | <input type="checkbox"/> |
| MULTIPLE COMPLETE             | <input type="checkbox"/> |                       | <input type="checkbox"/> |
| CHANGE ZONES                  | <input type="checkbox"/> |                       | <input type="checkbox"/> |
| ABANDON*                      | <input type="checkbox"/> |                       | <input type="checkbox"/> |
| (other) Terminate Application |                          |                       |                          |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Due to budget restrictions ARCO Oil and Gas Company Division of Atlantic Richfield Company, does not intend to drill this well. Therefore, we request that this permit be terminated.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

18. I hereby certify that the foregoing is true and correct

SIGNED W. A. Walther, Jr. TITLE District Manager of Production DATE 3-8-82  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE UT 14663
6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
7. UNIT AGREEMENT NAME ---
8. FARM OR LEASE NAME Washes Nipple
9. WELL NO. 2
10. FIELD OR WILDCAT NAME Wildcat
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA 33-2N-3W Uintah Meridan
12. COUNTY OR PARISH Duchesne
13. STATE Utah
14. API NO. 43-013-30556
15. ELEVATIONS (SHOW DF, KDB, AND WD) 7765' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED  
MAR 16 1982  
DIVISION OF OIL, GAS & MINING

Set @ \_\_\_\_\_ Ft.

74R

Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

April 7, 1982

ARCO Oil & Gas Company  
P.O. Box 5546  
Denver, Colorado 80217

Re: Rescind Applications for Permit  
to Drill  
Well Nos. Washs Nipple 2 & 3  
Sections 33 & 28-T2N-R3W USM  
Duchesne County, Utah  
Lease No. D-14563

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved on April 9, 1981. We are rescinding the approval of the referenced applications, without prejudice, as per your Sundry Notices dated March 8 and March 10, 1982.

If you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

If you have any questions, please feel free to contact this office.

Sincerely,

E. W. Gynn  
District Oil & Gas Supervisor

bcc: SMA  
State O&G ✓  
State BLM  
MMS-Vernal  
Well File  
APD Control

DH/dh

RECEIVED  
APR 09 1982

SECTION OF